Training and Evaluation Outline Report

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Task Number: 05-PLT-8011

Task Title: Perform Rope Rescue Operations

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Destruction Notice: None
Foreign Disclosure: FD1 - This training product has been reviewed by the training developers in coordination with the Fort Leonard Wood, MSCoE foreign disclosure officer. This training product can be used to instruct international military students from all approved countries without restrictions.

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	ATP 5-19 (Change 001 09/08/2014 78 Pages)	RISK MANAGEMENT http://armypubs.army.mil/doctrine/DR_pubs/dr_a/pdf/atp5_19.pdf	Yes	No
	NFPA 1006	Standard for Rescue Technician Professional Qualifications	Yes	No
	NFPA 1670	Standard on Operations and Training for Technical Search and Rescue Incidents. 2009 Edition	Yes	Yes
	NFPA STDS AND REGS	National Fire Protection Association Standards and Regulations	Yes	No

Conditions: The element receives an Operations Order (OPORD)/Fragmentation Order (FRAGORD) to perform rescue operationswithin their Area of Operations (AO). Victims are located in areas that are accessible only by ladder or by rope. The element has all assigned personnel, materials, organic and special equipment required to accomplish the mission. The element may be augmented by additional forces for security. This task should be trained in Personal Protective Equipment (PPE) appropriate to the assigned mission.

Note: The Commander must still determine at what level of training they would want the element to perform. Crawl, walk or run. This can only be determined after consideration as to the units training level.

The Commander prior to evaluating an element in the conduct of the task must determine if it will be conducted in a Live, Virtual, or Constructive environment, additionally it must also be determined which condition as described below that the element will conduct the task. The selection made for this task is at a trained level of proficiency. The commander must determine which of the environments below will best suit the unit and the proficiency level at which the unit is. When conducting crawl or walk level training units should not increase the intensity until the unit has achieved the standards and then unit trainers should include variables that increase proficiency in all conditions.

Note: The condition statement for this task is written assuming the highest training conditions reflected on the Task Proficiency matrix required for the evaluated unit to receive a "fully trained" (T) rating.

Note: Condition terms definitions:

Dynamic Operational Environment: Three or more operational and two or more mission variables change during the execution of the assessed task. Operational variables and threat Tactics, Techniques, and Procedures (TTPs) for assigned counter-tasks change in response to the execution of Blue Forces (BLUFOR) tasks.

Complex Operational Environment: Changes to four or more operational variables impact the chosen friendly COA/mission. Brigade and higher units require all eight operational variables of Political, Military, Economic, Social, Infrastructure, Information, Physical environment, and Time (PMESII-PT) to be replicated in varying degrees based on the task being trained.

Single threat: Regular, irregular, criminal or terrorist forces are present.

Hybrid threat: Diverse and dynamic combination of regular forces, irregular forces, and/or criminal elements all unified to achieve mutually benefiting effects.

Some iterations of this task should be performed in MOPP 4.

Standards: The element performs rope rescue operations under the direction of the supported authority, using organic/special equipment and personnel. The element disentangles, packages and extricates the victim(s) safely without causing additional injury to the victim(s) or the rescuer.

Note: Leaders are defined as the Commander, Executive Officer, First Sergeant, Operations Sergeant, Platoon Leaders, Platoon Sergeants, Squad Leaders, and Team Leaders.

Live Fire Required: No

Objective Task Evaluation Criteria Matrix:

Plan and Prepare			Execute						Assess
Operational Environment		Training Environment (L/V/C)	% of Leaders Present at Training/Authorized	% of Soldiers Present at	External Eval	% Performance Measures 'GO'	% Critical Performance Measures 'GO'	% Leader Performance Measures 'GO'	Task Assessment
SQD & PLT									
Dynamic (Single Threat)	Night	IAW unit CATS statement.	>=85%	>=80%	Yes	>=91%	All	>=90%	**T**
	Day		75-84%			80-90%		80-89%	**T-**
Static (Single Threat)	Night		65-74%	75-79%	No	65-79%			**P**
	Day		60-64%	60-74%		51-64%	<All	<=79%	**P-**
			<=59%	<=59%		<=50%			**U**

Remarks: None

Notes: 1. Task steps marked ** indicate required certifications for the level of rescue to be performed.

2. Appropriate Authority is interchangeable with Incident Commander (IC), IC Representative, commander or element leader.

3. All required references and technical manuals will be provided by the local command.

Safety Risk: Medium

Task Statements

Cue: None

DANGER

Death or injury could result if untrained technical rescue personnel are used.

Leaders have an inherent responsibility to conduct Risk Management to ensure the safety of all Soldiers and promote mission accomplishment.

WARNING

Risk management is the Army's primary decision-making process to identify hazards, reduce risk, and prevent both accidental and tactical loss. All Soldiers have the responsibility to learn and understand the risks associated with this task.

CAUTION

Identifying hazards and controlling risks across the full spectrum of Army functions, operations and activities is the responsibility of all Soldiers.

Performance Steps and Measures

NOTE: Assess task proficiency using the task evaluation criteria matrix.

NOTE: Asterisks (*) indicate leader steps; plus signs (+) indicate critical steps.

STEP/MEASURE	GO	NO-GO	N/A
+ 1. The element receives the order to perform a rope rescue operation.			
+ a. Analyzes the order.			
+ b. Performs Troop Leading Procedures (TLPs).			
+ 2. The element reports to the supported authority.			
+ a. Receives and understands mission directives from the supported authority.			
b. Provides the supported authority with information concerning on hand personnel, certifications, equipment, and materials.			
+ 3. The element sizes up the scene.			
a. Determines the need for security at the scene.			
b. Implements site control and scene management.			
(1) Access to the incident scene is controlled.			
(2) Places barricades or scene control tape to limit access.			
+ c. Identifies possible victim locations by interviewing bystanders, other victims, and workers.			
+ d. **Recognizes the need for rope rescue.			
+ e. **Identifies the resources needed to perform rope rescue.			
f. **Recognizes general hazards associated with rope rescue.			
g. **Evaluates systems already in place.			
h. **Determines and prioritizes rescue tasks.			
i. Implements procedures necessary to mitigate hazards.			
j. **Identifies PPE requirements.			
+ 4. The element conducts pre-rescue operations.			
+ a. **Inspects rope rescue equipment.			
+ b. **Selects anchor points.			
+ c. **Constructs the type of anchor system needed for the situation.			
(1) **Single point.			
(2) **Multi-point load sharing.			
(3) **Multi-point load distributing.			
+ d. **Constructs a rope base mechanical advantage system.			
+ e. **Constructs a lowering system.			
f. Places edge protection.			
+ g. **Performs a system safety check.			
+ 5. The element lowers the rescuer into position.			
a. **Selects and dons the proper body harness.			
b. Controls rescuer's descent with a safety line or belay system.			
c. Rescuer descends in a controlled manner so debris is not dislodged.			
+ d. **Maneuvers around existing environmental and system specific obstacles.			
e. **Places pads or protection at locations where the rope passes a stationary object or direction of rope changes.			
+ 6. **The rescuer locates the victim(s) and establishes contact.			
+ 7. **The rescuer provides basic lifesaving medical care.			
8. The element updates the supported authority on current situation and recovery progress.			
+ 9. **The rescuer packages the victim(s) in the appropriate stretcher.			
+ a. **Ensures all cross and foot straps are tightened and buckled properly.			
+ b. **Equalizes lifting and descent straps with a carabineer.			
+ 10. The element raises or lowers the victim(s) to safety.			
Note: Attaches a kernmantle rope to the stretcher if the victim is lifted vertically.			
a. **Rescuer/attendant accompanies the victim(s).			
+ b. **Moves the packaged victim up and over the edge during raising operations.			
11. The element terminates the rope rescue operation.			
a. Provides the supported authority with all reports and documentation required for TR operations.			
b. Prepares all recoverable materials, equipment, and personnel for redeployment.			
c. Conducts Critical Incident Stress Debriefing (CISD).			

TASK PERFORMANCE / EVALUATION SUMMARY BLOCK							
ITERATION	1	2	3	4	5	M	TOTAL
TOTAL PERFORMANCE MEASURES EVALUATED							
TOTAL PERFORMANCE MEASURES GO							
TRAINING STATUS GO/NO-GO							

ITERATION: **1 2 3 4 5 M**

COMMANDER/LEADER ASSESSMENT: **T P U**

Mission(s) supported: None

MOPP 4: Sometimes

MOPP 4 Statement: This task may be performed in some level of personal protection which may include MOPP 4 or higher levels of protection depending on the projected hazard.

NVG: Sometimes

NVG Statement: None

Prerequisite Collective Task(s):

Step Number	Task Number	Title	Proponent	Status
	05-CO-0007	Prepare an Operation Order (OPORD)	05 - Engineers (Collective)	Approved
	05-CO-8000	Conduct Technical Rescue Operations	05 - Engineers (Collective)	Approved
	05-CO-8002	Conduct Technical Rescue Operations	05 - Engineers (Collective)	Approved

Supporting Collective Task(s):

Step Number	Task Number	Title	Proponent	Status
	03-PLT-5129	Conduct Technical Decontamination (Platoon)	03 - CBRN (Collective)	Approved
	03-PLT-5130	Establish a Consequence Management (CM) Center (Platoon)	03 - CBRN (Collective)	Approved
	05-CO-0018	Conduct Report Procedures	05 - Engineers (Collective)	Approved
	71-CO-5100	Conduct Troop Leading Procedures for Companies	71 - Combined Arms (Collective)	Approved

OPFOR Task(s):

Task Number	Title	Status
71-CO-8502	OPFOR Execute an Ambush	Approved
71-CO-8504	OPFOR Execute a Reconnaissance Attack	Approved

Supporting Individual Task(s):

Step Number	Task Number	Title	Proponent	Status
	052-247-1201	Package a Victim for Removal From an Urban Search and Rescue Incident	052 - Engineer (Individual)	Approved
	052-247-1202	Maintain Urban Search and Rescue Hand and Power Tools	052 - Engineer (Individual)	Approved
	052-247-1204	Perform Ventilation Procedures for an Urban Search and Rescue Incident	052 - Engineer (Individual)	Approved
	052-247-1207	Construct a Lowering System for Rope Rescues	052 - Engineer (Individual)	Approved
	052-247-1208	Perform Litter Tender Duties for a Low Angle Rescue	052 - Engineer (Individual)	Approved
	052-247-1215	Construct a Confined Space Retrieval System	052 - Engineer (Individual)	Approved
	052-247-1302	Construct a Simple Rope Mechanical Advantage System for Rope Rescues	052 - Engineer (Individual)	Approved
	052-247-1303	Belay a Falling Load	052 - Engineer (Individual)	Approved
	052-247-1304	Construct a Fixed Rope System	052 - Engineer (Individual)	Approved
	052-247-1307	Ascend a Fixed Rope System	052 - Engineer (Individual)	Approved
	052-247-1308	Rappel a Fixed Rope System	052 - Engineer (Individual)	Approved
	052-247-1314	Conduct a Preplan of a Confined Space	052 - Engineer (Individual)	Approved
	052-247-1315	Control Hazards of a Confined Space	052 - Engineer (Individual)	Approved
	052-247-3101	Perform a Size Up of an Urban Search and Rescue Incident	052 - Engineer (Individual)	Approved
	052-249-1103	Don Protective Clothing	052 - Engineer (Individual)	Approved
	052-249-1131	Perform Rescue Carries	052 - Engineer (Individual)	Approved
	052-249-1137	Operate a Self-Contained Breathing Apparatus	052 - Engineer (Individual)	Approved
	052-249-1156	Perform Hoisting Operations With Ropes	052 - Engineer (Individual)	Approved
	081-830-0060	ADMINISTER BASIC LIFE SUPPORT TO A PATIENT	081 - Medical (Individual)	Approved

Supporting Drill(s): None

Supported AUTL/UJTL Task(s):

Task ID	Title
ART 6.6.1.7.2	Provide Technical Rescue Services

TADSS

TADSS ID	Title	Product Type	Quantity
No TADSS specified			

Equipment (LIN)

LIN	Nomenclature	Qty
No equipment specified		

Materiel Items (NSN)

NSN	LIN	Title	Qty
No materiel items specified			

Environment: Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to the current Environmental Considerations manual and the current GTA Environmental-related Risk Assessment card. .

Safety: In a training environment, leaders must perform a risk assessment in accordance with ATP 5-19, Risk Management. Leaders will complete the current Deliberate Risk Assessment Worksheet in accordance with the TRADOC Safety Officer during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, Multiservice Tactics, Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection, FM 3-11.5, Multiservice Tactics,

Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Decontamination. .